



# Chicago Metropolitan Agency for Planning

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## Policy & Programming Performance-Based Programming Intern (PBP72016) July 21, 2016

**Job Category:** Performance Based Programming Intern  
**Experience Required:** Current Enrollment in a Graduate Program  
**Salary Range:** \$15.00 per hour

The Chicago Metropolitan Agency for Planning (CMAP) is seeking to hire a research intern to perform analyses to support transportation programming decisions. CMAP is our region's official comprehensive planning organization. The agency and its partners are developing ON TO 2050, a new comprehensive regional plan to help the seven counties and 284 communities of northeastern Illinois implement strategies that address transportation, housing, economic development, open space, the environment, and other quality-of-life issues. See [www.cmap.illinois.gov](http://www.cmap.illinois.gov) for more information.

### **Performance-Based Programming Position Description**

The intern will assist in evaluating transportation system investment needs by developing datasets on safety, congestion, transit usage, and calculating performance measures. The ideal candidate for this internship will have strengths in quantitative analysis, geographic information systems (GIS), and basic coding applied to large databases.

### **Essential Functions/Responsibilities:**

- Assist with research that enhances the agency's capacity to evaluate the safety, reliability, congestion reduction, economic impact, livability, and other benefits of transportation projects.
- Assist with data collection and processing of arterial speed data, incident and crash data, and other large datasets.
- Write issue briefs that explain findings.

### **Knowledge, Skills, and Abilities:**

- Excellent data management skills and the ability to collect, manipulate, and analyze data in spreadsheets and large databases, as well as the ability to generate findings from these data and present results.
- GIS, database skills, and spreadsheet skills are required. Experience with PostgreSQL is a plus, but not required.
- Demonstrated ability to independently complete research projects and produce reports and issue briefs that are factual, original, compelling, and persuasive.

### **Education and/or Experience:**

- Applicants should be enrolled in a Master's program in Data Science or Analytics, Planning, Engineering, Economics, Computer Science, or a related field.
- Prior work experience with large databases is a plus.

While interns will be supervised by CMAP staff, they will be expected to take a high level of responsibility for their own work, and should be self-motivated.

### **Internship Timeframe**

This is a part-time internship position beginning around fall 2016 and will continue until mid-May 2017. Minor start and end-date accommodations may be made upon request.

### **Contact Information**

Please submit cover letter and resume via our website at:

<http://www.cmap.illinois.gov/about/careers>. Please refer to **Job Code (PBP72016)**.

### **Posting End Date**

This posting will close on August 21, 2016 [at 5:00pm CST](#). All applications must be completed and submitted within the 30-day timeframe.

*The Chicago Metropolitan Agency for Planning is an Equal Opportunity Employer.*